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## Product Datasheet

### **Caldesmon, HMW (h-Caldesmon) (Smooth Muscle Marker) (rCALD1/820), 0.2mg/mL, Clone: [rCALD1/820], Mouse, Monoclonal BOT-BNUB1897-100**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Caldesmon, HMW (h-Caldesmon) (Smooth Muscle Marker) (rCALD1/820), 0.2mg/mL, Clone: [rCALD1/820], Mouse, Monoclonal                                                                                                                                            |
| Biozol Catalog Number      | BOT-BNUB1897-100                                                                                                                                                                                                                                              |
| Supplier Catalog Number    | BNUB1897-100                                                                                                                                                                                                                                                  |
| Alternative Catalog Number | BOT-BNUB1897-100-100UL                                                                                                                                                                                                                                        |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                       |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | IHC, WB                                                                                                                                                                                                                                                       |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Immunogen                  | Recombinant full-length human CALD1 protein                                                                                                                                                                                                                   |
| Product Description        | Caldesmon HMW is the high molecular weight variant of Caldesmon. Two closely related variants of human caldesmon have been identified which are different in their electrophoretic mobility and cellular distribution. The h-caldesmon variant (120-150 kD... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Concentration              | 0.2 mg/mL                                                                                                                                                                                                                                                     |
| Clone Designation          | [rCALD1/820]                                                                                                                                                                                                                                                  |
| Molecular Weight           | 150 kDa                                                                                                                                                                                                                                                       |

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UniProt           | <a href="#">Q05682</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Buffer            | PBS, 0.05% BSA, 0.05% azide                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Source            | Animal                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Application Notes | Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody Does not react with rat Immunohistology (formalin): 0.25-0.5 ug/mL for 30 minutes at RT Staining of formalin-fixed tissues requires boiling tissue sections in 1 mM EDTA pH 7.5-8.5 for 10-20 minutes followed by cooling at RT for 20 minutes Optimal dilution for a specific application should be determined by user |